

**Template  
for  
Course Specifications**

**Faculty :** Medicine  
**Department :** Otorhinolaryngology

**Course Specifications**

**Programme on which the course is given :** M.B.B.Ch. Bachelor of Medicine and Surgery  
**Major or minor element of programme :** Ear, Nose and Throat (ENT)  
**Department offering the programme :** Otorhinolaryngology  
**Department offering the course :** Otorhinolaryngology  
**Academic year / level :** 2015/2016, 4<sup>th</sup> year  
**Date of specification approval :** 14/5/2016

**A- Basic information**

Title: \_\_\_\_\_ Code: ENT  
Lecture: 72 Tutorial: \_\_\_\_\_ Practical 36 Total: 108 (hours)

**B- Professional Information**

**1 - Overall Aims of Course**

- Is to provide the student with essential knowledge, skill and attitude needed for diagnosis, prevention and management of the most common ear, nose and throat diseases and emergencies, as well as related head and neck disorders.

**2 – Intended Learning Outcomes of Course (ILOs):**

At the end of this course, students will be able to:-

a- Knowledge and Understanding

- a1- Describe the basic anatomy and physiology of the ear, nose, pharynx, larynx, esophagus and trachea; to correlate between the structure and functions.
- a2- List the causes and mechanism of the common ENT diseases and emergencies.
- a3- Identify the clinical symptoms and signs of the common ENT diseases, as well as related head and neck disorders.
- a4- Define the appropriate diagnostic tools for the ENT diseases including the applicable recent modalities of diagnosis.
- a5- Explain the management lines for the common ENT diseases including pharmacological and non-pharmacological therapies, and the recent modalities of treatment.
- a6- Describe the management priorities for different ENT emergencies and the first aid treatment of these emergencies which may be life saving in several situations.
- a7- Discuss the different rehabilitation methods for the permanent handicapping problems in the ear, nose and throat.
- a8- List ENT symptoms of systemic diseases, and explain the interaction between ENT and other specialties and vice versa.

b- Intellectual Skills

- b1- Analyze and correlate symptoms and signs of diseases in ENT patients.
- b2- Interpret results of radiological and laboratory reports of the common ENT diseases.
- b3- Formulate appropriate management plans for individual patients with ENT diseases.

c-Professional and Practical Skills

- c1- Take adequate history from patients with ENT and related head & neck disorders.
- c2- Perform a basic clinical ENT and head and neck examination with equipment available to a general practitioner (tongue blade, otoscope and tuning fork).
- c3- Interpret ENT problems and formulate a differential diagnosis.

- c4- Select appropriate investigations to be done for the patient and interpret their results.
- c5- Diagnose the simple ENT cases.
- c6- Construct appropriate patient management plan for simple ENT cases
- c7- Perform suitable measures for infection control.
- d-General and Transferable Skills
  - d1- Communicate properly with patients to have relevant data related to their problems.
  - d2- Respect patients' rights and involve them in management decisions.
  - d3- Demonstrate appropriate professional attitudes and behaviors in different practice situations.
  - d4- Manage and manipulate information by all means, including new technological tools.
  - d5- Work effectively in a team

### 3 – Contents

Topic	No. of hours	Lecture	Clinical
Anatomy and physiology of the ear	3	2	1
Diseases of the auricle	4	3	1
Diseases of the external ear	4	3	1
Diseases of the middle ear	4	3	1
Diseases of the inner ear	4	3	1
Symptoms of ear diseases	4	3	1
Principles of ear operations	5	3	2
Basic principles of audiology	3	2	1
Anatomy and physiology of the nose	5	4	1
Diseases of the nose and paranasal sinuses	5	4	1
Symptoms of nose diseases	5	4	1
Principles of nose operations	6	4	2
Anatomy and physiology of the pharynx	3	2	1
Diseases of the nasopharynx	3	2	1
Diseases of the oropharynx	3	2	1
Diseases of the hypopharynx	3	2	1
Snoring and sleep apnea	3	2	1
Principles of pharynx operations	4	2	2
Diseases of the esophagus	2	1	1
Dysphagia	2	1	1
Esophagoscopy	3	1	2
Anatomy and physiology of the larynx	3	2	1
Diseases of the larynx	4	3	1
Symptoms of laryngeal diseases	4	3	1
Principles of larynx operations	4	2	2
Basic principles of phoniatics	3	2	1
Anatomy and physiology of trachea and bronchi	2	1	1
Principles of operations on trachea	3	1	2
Neck swellings	7	5	2
Total	108	72 hours	36 Hours

**B- Matrix content ILOs:**

	A								B			C							D				
	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	B 1	B 2	B 3	C 1	C 2	C 3	C 4	C 5	C 6	C 7	D 1	D 2	D 3	D 4	D 5
Anatomy and physiology of the ear	√																	C 2					
Diseases of the auricle		√	√	√	√	√	√		√	√	√			√	√				√	√		√	√
Diseases of the external ear		√	√	√	√	√	√		√	√	√			√	√				√	√		√	√
Diseases of the middle ear		√	√	√	√	√	√		√	√	√			√	√				√	√		√	√
Diseases of the inner ear		√	√	√	√	√	√		√	√	√			√	√				√	√		√	√
Symptoms of ear diseases			√					√	√			√	√						√	√		√	√
Principles of ear operations					√											√	√	√			√		√
Basic principles of audiology		√	√	√	√	√	√		√	√	√			√	√								√
Anatomy and physiology of the nose	√																						
Diseases of the nose and paranasal sinuses		√	√	√	√	√	√		√	√	√			√	√				√	√		√	√
Symptoms of nose diseases			√					√	√			√	√						√	√		√	√
Principles of nose operations					√											√	√	√			√		√
Anatomy and physiology of the pharynx	√																						
Diseases of the nasopharynx		√	√	√	√	√	√		√	√	√			√	√				√	√		√	√
Diseases of the oropharynx		√	√	√	√	√	√		√	√	√			√	√				√	√		√	√

Diseases of the hypopharynx		√	√	√	√	√	√		√	√	√			√	√				√	√	√		√	
Snoring and sleep apnea		√	√	√	√	√	√		√	√	√			√	√				√	√	√		√	
Principles of pharynx operations					√										√	√					√		√	
Diseases of the esophagus		√	√	√	√	√	√		√	√	√			√	√				√	√	√		√	
Dysphagia			√					√	√			√	√	√	√				√	√	√	√	√	√
Esophagoscopy				√	√										√	√	√				√		√	
Anatomy and physiology of the larynx	√																							
Diseases of the larynx		√	√	√	√	√	√		√	√	√			√	√				√	√	√		√	
Symptoms of laryngeal diseases			√					√	√			√	√						√	√		√	√	
Principles of larynx operations									√						√	√	√				√		√	
Basic principles of phoniatrics		√	√	√	√	√	√		√	√	√			√	√								√	
Anatomy and physiology of trachea and bronchi	√																							
Principles of operations on trachea					√										√	√					√		√	
Neck swellings		√	√	√	√	√	√		√	√	√			√	√				√	√	√		√	

## 4 – Teaching and Learning Methods

### 4.1- Lectures:

- Lectures using multimedia and data show presentations and video presentation.

### 4.2- Clinical small group sessions:

- Each term, students are divided into 5 equal groups; each group being assigned to one of the ENT units that constitute the department. Teaching and learning methods are:

### 4.3- Case studies to teach students how to analyze information and reach a decision.

- Endoscope unit with camera and monitor allow the students to visualize endoscopic examination of the ear, nose and larynx.

### 4.4- Clinical training and practice of clinical skills.

### 4.5- Data show presentations including diagnostic signs of diseases, x-rays and instruments.

### 4.6- Live and videotaped surgical demonstrations for selecting rotating small groups of students.

## 5 – Student Assessment Methods

### 5.1- term examination:

- Objective structured practical examination (OSPE) Multi-stations (diagnosis, x-rays and instruments)

### 5.2- Written examination:

- Short essay questions
- Problem solving questions
- MCQ

### 5.3 - Structured Oral examination:

### 5.4 - Objective structured Clinical examination (OSCE)

	A								B					C							D				
	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	B 1	B 2	B 3	B 4	B 5	C 1	C 2	C 3	C 4	C 5	C 6	C 7	D 1	D 2	D 3	D 4	D 5
Written exam and MCQ		√	√	√	√		√			√		√		√		√	√								
Structured Oral examination	√	√	√	√	√	√	√	√				√	√		√			√							√
OSPE		√	√		√	√				√	√							√							
OSCE			√					√	√	√				√	√					√	√	√	√	√	√
Log book					√									√	√	√	√	√	√	√	√	√	√	√	√

### Assessment Schedule

Assessment 1	Term examination	Held at the end of each 7 week-rotation.
Assessment 2	Final Written examination	Held at the end of the academic year.
Assessment 3	Structured Oral examination	Held at the end of the academic year.
Assessment 4	Objective structured Clinical examination (OSCE)	Held at the end of the academic year.
Assessment 4	Log book	Given at the end of the round

### Weighting of Assessments

Term examination (OSPE)	36 marks	(18%)
Log book	4 marks	(2%)
Final Written examination	70 marks	(35%)
Final MCQ examination	30 marks	(15%)
Final Structured Oral examination	20 marks	(10%)
Final Objective structured Clinical examination (OSCE)	40 marks	(20%)
<b>Total</b>	<b>200 marks</b>	<b>(100%)</b>

Any formative only assessments

No

## **6 – List of References**

6.1- Essential Book: “Essentials of Otorhinolaryngology”. by staff members of ENT Dept.

6.3- Recommended Book: Synopsis of Otolaryngology.

6.4- CD and video tapes including data show presentations used during teaching.

## **7 – Facilities Required for Teaching and Learning**

7.1. **Halls for students teaching:** equipped with white boards, Computer & data show.

7.2 **Three endoscope** unit with camera and monitor to allow the students to visualize endoscopic examination of the ear, nose and larynx.

7.3- **Otosopes** to allow the students to examine patient’s ear.

**Course Coordinator :** Prof. Ahmed Ali Abdallah Eldegwi

**Head of Department :** Prof. Ahmed Ali Abdallah Eldegwi